

QP CODE: 26019474



26019474

Reg No :

Name :

M.Sc DEGREE (CSS) EXAMINATION, MARCH 2026

Fourth Semester

M.Sc Fishery Biology and Aquaculture

ELECTIVE - AQ850402 - AQUATIC TOXICOLOGY

2019 Admission Onwards

554479BA

Time: 3 Hours

Weightage: 30

Part A (Short Answer Questions)

*Answer any **eight** questions.*

*Weight **1** each.*

1. Describe different types of diatoms.
2. Write a short note on the effects of algal toxins on marine organisms.
3. What is eutrophication?
4. What is ballast water?
5. What is astaxanthin?
6. What is lethal dose?
7. What is antagonistic effect?
8. Write a note on toxicants in fish.
9. Explain drug metabolism.
10. Explain fisheries resource management.

(8×1=8 weightage)

Part B (Short Essay/Problems)

*Answer any **six** questions.*

*Weight **2** each.*

11. Write a note on the general characteristics of dinoflagellates.
12. Write a note on the techniques for preparation of dinoflagellates for identification.
13. Write a brief note on paralytic shellfish poisoning.
14. Write a short note on cyanobacterial toxins.





15. Write a short note on alkaloids.
16. Write a brief note on cosmeceuticals from fish.
17. Briefly explain the effects of bioaccumulation.
18. Briefly explain environmental monitoring types.

(6×2=12 weightage)

Part C (Essay Type Questions)

*Answer any **two** questions.*

*Weight **5** each.*

19. Write an essay on shell fish poisoning.
20. Write an essay on marine antibiotics, anticancer compounds and cosmeceuticals.
21. Write a note on toxicity and different factors influencing toxicity.
22. Write an essay on microcosm and mesocosm tests.

(2×5=10 weightage)

